

Hybricon Cool-SVLN-07-AB  
**7-Slot VME Tower**



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# Cool-S 9-Slot Towers

www.hybricon.com

## Product Highlights:

- High quality construction in a light-weight portable design
- Superior cooling
- Custom configurations and integration services available

## Product Features:

- CompactPCI®, VME64x, and VME backplanes available
- IEEE 1101.10 / 11 compliant card cage
- Pac-2000® modular design
- Up to 350 watts pluggable or embedded power
- Advanced cooling design:
  - Patented CoolSlot® air deflecting card guides optimize airflow
  - Airflow: Lower periphery to upper periphery
  - 248 LFM average airflow
  - 3 fans mounted above card cage
  - Cooling for 40 watts per slot
- Front-access peripheral module has provisions for mounting CD-ROM, hard disk, and floppy drives



## Specifications:

### Physical

- Width: 11.92" (303 mm)
- Height: 15.22" (387 mm)
- Depth: 18.56" (471 mm)
- Weight: 25 lbs.\*
- Construction:
  - EXTERIOR: 060" thick aluminum, 5052-H32 painted
  - EXTRUSIONS: 6063-T6 Aluminum, precision grade with clear iridite (conductive) plating
  - SIDEPLATES: .090" thick aluminum, 5052-H32 with clear iridite (conductive) plating
  - CARD GUIDES: Molded plastic, Noryl N190X Black (Red for CompactPCI system slot), UL94-V0
  - TAPPED STRIPS: Carbon Steel bar stock with zinc plating and supplementary chromate treatment
  - ESD GROUND CLIP: Beryllium Copper, Alloy C17400, 1/2 HT, with Bright Tin plating / MIL-T-10727

### Environmental

- Temperature ranges (system level):
  - Operation: 0°C to 50°C
  - Storage: -40°C to 70°C
- Flammability rating: UL94-V0
- Regulatory: Designed to meet UL, CSA, CE requirements
- Earthing: ESD Ground Clip designed to comply with the earthing requirements of IEEE 1101.11 Section 15, IEC 60950 Section 2, and PICMG 2.5 R1.0

### Electrical

- Line Cord: matches power supply requirements
- Fused line voltage, RFI line filter
- Rear power switch

\* Weight may vary depending on configuration



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CompactPCI® backplanes are compliant to the latest PICMG® specification. CompactPCI® and PICMG® are registered trademarks of the PCI Industrial Computers Manufacturers Group. Hybricon, CoolSlot, Pac2000 are registered trademarks of Hybricon Corporation. Patented CoolSlot® card guides: U.S. Patents 4,750,088 and 6,381,147

## Ordering Guide: Cool-S 9-Slot Towers

	PART NUMBER: COOL-						
	S	X	X	X-	XX-	X	X
<b>STYLE</b> (S) = Tower, 9 Slot**	S						
<b>BUS ARCHITECTURE</b> (C) = CompactPCI (V) = VME (X) = VME64 Extension		X					
<b>SYSTEM SLOT</b> (L) = Left (VME, VME64x, CPCI) (R) = Right (CPCI only)			X				
<b>BACKPLANE OPTIONS</b> (N) = VME/VME64x, or CPCI non-Hot Swap R2.1 (not available in new designs) (H) = H.110/Computer Telephony (CompactPCI only) (S) = Standard/Hot Swap PICMG R3.0 (CompactPCI only)				X-			
<b>BACKPLANE SLOT COUNT</b> (05, 07) = VME J1/J2 (04, 07, 09) = VME64x (03, 05, 08) = CompactPCI					XX-		
<b>INPUT POWER</b> (A) = 115VAC (B) = 220VAC						X	
<b>POWER SUPPLIES</b> (B) = Embedded ATX 300W (P) = Plug-in 350W*** (Max Backplane slots=7)							X

\*\* No filler panels are provided in the front or rear card areas.

\*\*\* Recommended for hot-swap applications



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